Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 17 Dec 2020 until 23:59 on Friday 18 Dec 2020

Forecast Issued on Thursday 17 Dec 2020 at 03:38

Confidence: High for sunshine and showers by day Thursday, then a series of rain bands interspersed with showers crossing from the west, however confidence lowering through the forecast in the timings and intensity of the worst of the conditions.

Headline for Thursday 17 Dec 2020: Showers by day. Windy at height. Rain during the evening.

Mountain weather hazards on Thursday 17 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Fog	Mist	Sunny intervals	Light rain	Heavy Rain
Precipitation probability					
40%	40%	30%	20%	30%	90%

Forecast for Thursday 17 Dec 2020

Weather: Mostly cloudy during the morning with occasional showers and low cloud covering summits. Cloud lifting with some bright or sunny spells developing into the afternoon in the east. Mainly dry. Persistent rain spreading from the west during the evening with strengthening winds.

Chance of cloud free mountain/hill tops above 600m: Initially in west 20% and in east 40% with bases lowering 450-650m in showers/drizzle, becoming during the afternoon 80% and 95% respectively as showers decay, finally lowering 20-30% by late evening as rain spreads from the west.

Visibility: Good or very good sporadically lowering moderate or poor in showers, but very poor on summits during the morning. More generally poor or very poor in periods of rain late evening.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Thursday 17 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/27 SW	21/29 SW	22/30 SW	20/29 SW	21/30 S	26/38 S	27/40 S
300	11/24 SW	12/25 SW	12/26 SW	10/22 S	10/25 S	16/34 S	16/36 S
Valley	7/21 SW	10/25 SW	11/24 SW	9/22 S	11/28 S	15/35 S	14/33 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	4/-2	4/-2	4/-1	5/-0	6/-0	6/1
300	5/2	6/2	6/3	6/3	7/4	7/4	8/5
Valley	6/4	7/4	8/5	8/5	8/6	9/6	10/7
Freezing Level*	1100m	1200m	1100m	1300m	1600m	2000m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windy at height with significant wind chill initially. Best of conditions during afternoon. Hill fog and summit gales by late evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 17 Dec 2020	8mm	8mm	16mm

Forecast for Friday 18 Dec 2020

Weather: Quite unsettled with showers or longer periods of rain. Best chance of drier spells during the morning with perhaps some limited brightness, with more persistent and heaviest rain expected between mid-afternoon and mid-evening, particularly in the west.

Maximum wind: South mean 30mph with gusts reaching 45-50mph across most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: 30% during the morning, then 15% from the afternoon as bases become quite extensive from 450-600m

Visibility: Moderate or good, occasionally poor or very poor.

Temperature: **Valleys:** Plus 5 Celsius increasing 13 Celsius during the afternoon
At 600m: Plus 6-8 Celsius
Freezing level: Above all summits

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